



**2018  
LINDHEIMER CHAPTER  
ANNUAL ARCHIVE**





## THE VALUE OF MEMORIES

Having recently spent time looking through old scrapbooks, paper documents, and photographs of previous years of the Lindheimer Chapter, I realize how important it is to have an archive which collects and arranges Chapter memories in an orderly and concise fashion; how helpful and gratifying it is to look back at past Chapter members as they carried out the mission of the Texas Master Naturalist™ Program.

An archive provides reminders of people, places and projects, of hard work and awards. An archive allows us to evaluate progress and changes made over the years, and perhaps revive or recycle some of the successful ideas of the past.

What a plus that technology now allows us to put our “scrapbooks” online for access by everyone! The Chapter has many historical documents that are waiting to be scanned and posted on line, and it is our goal to do so. I hope you enjoy this look back at Lindheimer Chapter 2018!

Marilyn J. McFarland, Historian/Archivist

### Thank you to our photographic contributors:



Edith Bergquist, Don Bergquist, Rick Corbell,  
John Davis, Glenna Dunnington, Joel Dunnington,  
Holly Emrie, Nancy Hammack, Mark Henderson,  
Carmen Horn, Debbie Kyrouac,  
Evelyn Nielson, Sara Riggs,  
Dick Scarbrock, Jane Schnell, Jeanie Springer,  
Brian Trock, Teresa Turko,  
Darlene Varga and Cheryl Walthour!

#### How to Use the Electronic Version of the 2019 Annual Archive

As you browse you will notice text entries highlighted in blue:

<https://txmn.org/lindheimer/>

This is a “link” that will take you to another page - in this case, a link to a page on the Lindheimer Chapter website. If you place your cursor on the link, a hand appears. Just click. You will be taken to that page. To return back to the annual, use your back arrow.



# TABLE OF CONTENTS

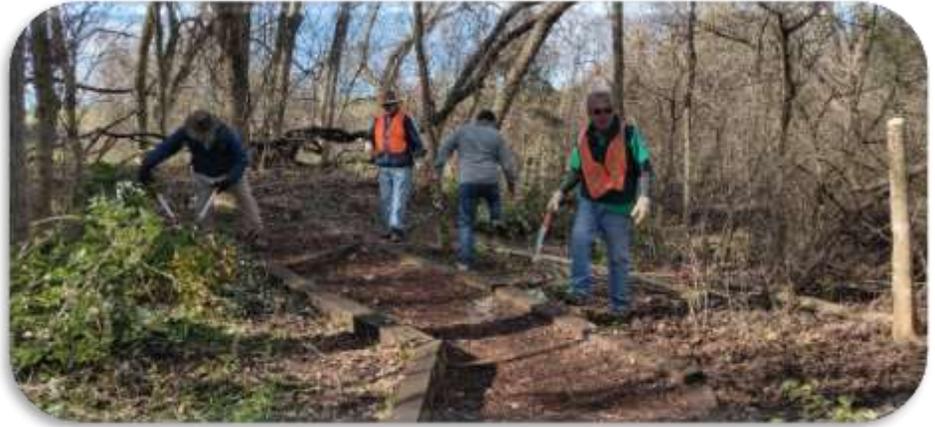
## 2018 Annual Archive



<b>Texas Master Naturalist</b>	<b>4</b>
<b>Lindheimer Chapter</b>	<b>5</b>
<b>Leadership</b>	<b>6</b>
<b>Membership &amp; Records</b>	<b>8</b>
<b>Projects &amp; Opportunities</b>	<b>13</b>
<b>New Class: The Mud Daubers</b>	<b>14</b>
<b>Monthly Meetings</b>	<b>22</b>
<b>Newsletters</b>	<b>36</b>
<b>Chapter Events, Activities &amp; Outreach</b>	<b>37</b>
<b>TMN State Meeting Photo Contests</b>	<b>42</b>
<b>Website &amp; Facebook Page</b>	<b>52</b>

# TEXAS MASTER NATURALIST™

**Mission:** To develop a corps of well-informed volunteers to provide education, outreach, and service dedicated to the beneficial management of natural resources and natural areas within their communities for the State of Texas.



**Need:** Many communities and organizations rely on such citizen volunteers for implementing youth education programs; for operating parks, nature centers, and natural areas; and for providing leadership in local natural resource conservation efforts. In fact, a short supply of dedicated and well-informed volunteers is often cited as a limiting factor for community-based conservation efforts.



TMN provides volunteers with 40 hours of initial training, including field and classroom instruction and 8 hours of advanced training annually

customized to meet the needs of local environmental issues. Certified Master Naturalist Volunteers then give a minimum 40 hours of community service annually.



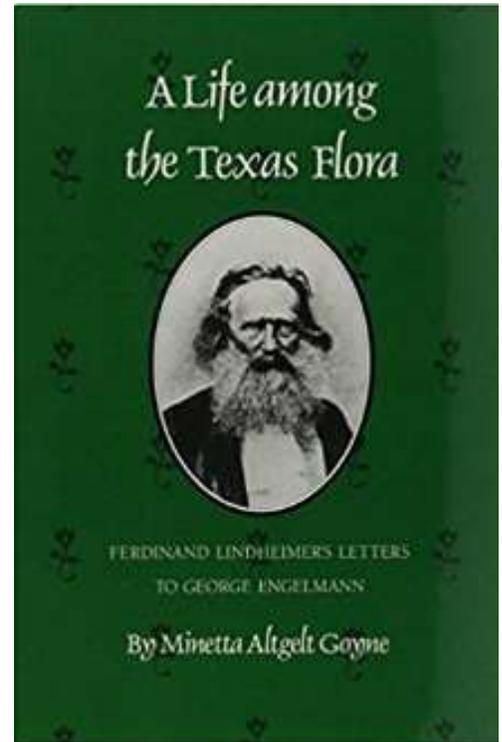
**Sponsors:** The Texas Master Naturalist Program exists to make a positive difference in the quality of the environment in Texas. Texas Parks & Wildlife Department along with Texas A&M AgriLife

Extension serve as sponsors for the program. Together they provide education, outreach and service to their community with an emphasis on how to manage Texas' natural resources.

# LINDHEIMER CHAPTER

The Lindheimer Chapter of the Texas Master Naturalist Program was established in 2000. Located in Comal County in the Texas Hill Country, we are an active, vibrant and growing organization of volunteers committed to preserving the natural resources of the Texas Hill Country for current and future generations.

Our chapter is named after Ferdinand Jacob Lindheimer (1801 - 1879), who is called the "Father of Texas Botany." He immigrated from Germany in his early thirties, travelled throughout Texas discovering and documenting Texas flora. He found a permanent home on the banks of the Comal River in 1844, when New Braunfels was founded. Lindheimer collected 1500 botanic species in Texas over a period of thirteen years (more than thirty species are named after him). His home in New Braunfels is now a museum which draws many visitors annually.



Lindheimer's Morning Glory  
(*Ipomoea Lindheimerii*)  
Photo by Erin Harrison

# CHAPTER LEADERSHIP 2018



Standing L > R: Troy Luepke, Jim Doyle, Kim Wright, Jeanie Springer, Joel Dunnington, Brian Trock, Rich Nielson. Seated L > R: Darlene Varga, Debbie Kyrouac, Evelyn Nielson, MJ McFarland.

## Elected Officers & Advisors

President - Rich Nielson  
Vice President - Jim Doyle  
Secretary - Kim Wright  
Treasurer - Evelyn Nielson  
Advisor - Troy Luepke, Texas A & M AgriLife  
Advisor - Craig Hensley, Texas Parks & Wildlife

**2018 FOCUS**  
**Communication•Promotion•Education**



Troy



Craig

## Standing Committees

Past President/TMN State Rep - Joel Dunnington  
Communications - MJ McFarland  
Education - Debbie Kyrouac, Mike Hammack  
Membership & Records - Brian Trock  
Outreach - Darlene Varga  
Projects & Opportunities - Jeanie Springer

## Subcommittees

Historian - MJ McFarland, Peggy Haley  
Newsletter - Carmen Horn, MJ McFarland, Bill Suddith (Photos)  
Out & About - Sara Riggs  
Publicity - MJ McFarland  
Social Media - Jennifer Hendren/MJ McFarland/Marie Miller  
Webmaster - Marie Miller  
Community Recognition - Jim Doyle  
Hospitality - Joyce Doyle, Salty Brady  
Program to Assist Landowners (PAL) - Art Williams  
Speakers Bureau - Darlene Varga  
Traveling Trunks - Darlene Varga

# BOARD of DIRECTORS MEETINGS 2018 MINUTES



<https://txmn.org/lindheimer/chapter-info/lmn-board-members/lmn-board-minutes-archive/>

Board of Directors Meeting



Every 4th Monday of the month at 5PM  
Comal County AgriLife Extension Center  
325 Resource Dr.  
New Braunfels, TX 78132

OPEN TO MEMBERS

## COMMUNITY RECOGNITION AWARD 2018



The Community Naturalist Award for 2018 was presented to Headwaters at the Comal on January 19, 2019 at our monthly chapter meeting.

Accepting the award are Nancy Pappas and Lauren Strack.

L > R: Lauren Strack, Nancy Pappas, Rich Nielson

# MEMBERSHIP & RECORDS

Brian Trock, Director

<https://txmn.org/lindheimer/report-your-hours/>



## 2018 RECERTIFICATIONS & MILESTONE ACHIEVEMENTS

To recertify as a Texas Master Naturalist, members must contribute 40 hours of volunteer service and obtain 8 hours of advanced training annually.

Members are recognized with dragonfly pins as they reach specified hour milestones.

### TMN LINDHEIMER CHAPTER ANNUAL MEMBERSHIP REPORT FOR 2018

**Members:** 185 (16 active members did not submit hours)  
Transfer-In: 1 from South Tx MN

#### Recognitions

Mud Daubers: 33 started (3 dropped) with 30 graduates  
Initial Certification for Mud Daubers: 25  
Double Certification for Mud Daubers: 7  
Initial Certification for Transfer-In Member: 1

#### Milestone Pins:

250 Hours-8  
500 Hours-9  
1000 Hours-9  
2500 Hours-5

**Recertification Ocelot:** 98

#### Past Years Re-Certifications

2017: 94 2016:83 2015: 66 2014:72 2013: 70 2012: 67 2011: 59  
Double Certification started in 2016

#### VMS Submissions

169 members submitted hours  
Advanced Training: 2,635 hours |  
Service Hours: 19,944.5 hours  
Surveys Approved: 8523 (29 Opportunities)

#### Chapter Lifetime Hours (VMS began January 1, 2016):

365 members submitted hours  
Advance Training: 19,081 hours  
Service Hours: 165,491 hours  
Surveys Approved: 25,919 (33 Opportunities)



## Recertifications & Volunteer Hour Milestones

Thank you LMN Volunteers,  
for your dedication & service to our natural world!

### December 2017

#### Recertifications -

Melissa Skasik

#### N2Nature Double Certification

Cynthia Dewitt, Harry Ferrell

#### Volunteer Milestones

250 Hours - James Doyle

Please note: Some of the folks pictured are receiving pins from previous months.



### January 2018

#### Recertifications - Ocelot Pin

Susan Bogle, Rich Bradley, Brian Trock

#### Volunteer Milestones

250 Hours - Joyce Doyle

Don Fletcher

500 Hours - Joel Dunnington,

Marilyn McFarland

1,000 Hours - James Jameson

### February 2018

#### Recertifications - Ocelot Pin

Ellen Anderson, Don Berquist, Edith Berquist, John Davis, Jim Doyle, Joel Dunnington, Laird Ingham, Jim Jameson, Valerie Lefebvre, Lisa Marler, Mary Mathey, Marilyn McFarland, Lois Ricci, Bill Sewell, Jeanie Springer, Teresa Turko, Darlene Varga, Art Williams  
(not all are pictured)



2018 Annual  
Re-Certification Pin



Ocelot  
*Lynx baileyi*

# Recertifications & Volunteer Hour Milestones

Thank you for your dedication & service!

## March 2018

### Recertifications - Ocelot Pin

Joyce Doyle, Jane Schnell, Beth Jameson, Ron Butts, Gretchen Ferrell, Dottie Green, Judy Brupbacher, Harry Ferrell, Cheryl Trock, Julie Crouch, Jane Finneran, Joe Finneran, Pete Bryant, Sara Riggs, Coco Brennan.

Please note: Some of the folks pictured are receiving pins from previous months. Not all are pictured.



## April 2018

### Recertifications - Ocelot Pin

Rich Nielson, Deb Kyrouac, Marietta Diehl, Tom Mathey, Marilyn Garrison, David Reel, Mike Hammack, Mary Ann Richey, Ed Finger, Nancy Fitzpatrick, Cathy Oberkamp

### Volunteer Milestones

250 Hours - Ed Finger

1,000 Hours: Dan Carroll, Gloria Glass, Rich Nielson

Please note: Some of the folks pictured are receiving pins from previous months. Not all are pictured.

## May 2018

### Recertifications - Ocelot Pin

Evelyn Nielson, Dan Madden, Gloria Glass, Jim McCullough,

Bob Gray, Don Epps,

Barry Brupbacher, Jensie Madden, Linda Valdez.

### Volunteer Milestones

1,000 Hours - Teresa Turko

2,500 Hours: Darlene Varga

Please note: Some of the folks pictured are receiving pins from previous months. Not all are pictured.





# Recertifications & Volunteer Hour Milestones Thank you for your contributions!

## June 2018

### Recertifications - Ocelot Pin

Don Fletcher, Earl Dittman, Kim Wright,  
Peggy Haley, Sherry Reel

### Volunteer Hour Milestones

1,000 hours - Cheryl Trock  
2,500 hours - Rich Bradley



## July 2018

### Recertifications - Ocelot Pin

Elizabeth Bowerman, Pat Fletcher,  
Stephen Jones, Jane Miller, Debbie  
Subke, Jim Teeling

### Volunteer Hour Milestones

250 Hours - Don Epps, Jennifer Hendren  
500 Hours - Carol Ingham

## August 2018

### Recertifications - Ocelot Pin

Andrew Cummings, Jennifer Hendren,  
Nancy Gray, Denise Miner-Williams,  
Dave Wright

### Volunteer Hour Milestones

2,500 Hours - Edith Bergquist





# Recertifications & Volunteer Hour Milestones Thank you for your contributions!

## September 2018

### Recertifications – Ocelot Pin

Holly Emrie, Irene Newhall

**250 Hours:** Mike Hammack

**2,500 Hours:** Sara Riggs

### Mud Daubers, Double Certification

Martha Bersch, Katherine Olfsdahl,

Cheryl Walthour



## October 2018

### Recertifications – Ocelot Pin

Salty Brady, Melissa Skasik

### Volunteer Hour Milestones

**1,000 Hours –** Laird Ingham

### Mud Daubers Certification –

Lori Lergen,  
Alfred Vaughn



## November 2018

### Recertifications – Ocelot Pin

Glenna Dunnington, Kory Foster, Henry

Hahn, Janet Hahn, Don Mathews, Holly

McCoy, Ben Pfeiffer, Brenda Stoeck

### Volunteer Hour Milestones

**500 Hours –** Jim Doyle, Beth Jameson,

Evelyn Nielson

**1,000 Hours –** Mary Ann Richey

**2,500 Hours –** Don Berquist

### Mud Daubers Double Certification –

Jacques Oliver

### Mud Daubers Certification –

Ricky Corbell,  
Carol Dillingham, Teresa St. John



# PROJECTS AND OPPORTUNITIES

Jeanie Springer, Director

<https://txmn.org/lindheimer/projects-opportunities/>

The Projects & Opportunities Committee is the clearinghouse for approval for volunteer hours (VH) and advanced training (AT). A panel reviews the projects and programs submitted to them, and determines if the state's requirements for VH/AT are met. The organizations where our members volunteer and obtain advanced training are:

*Albert & Bessie Kronkosky State Natural Area • Audubon Society • Balcones Canyon Lands Wildlife Refuge • Bamberger Ranch • Bat Conservation International • Bio West • Mammen Family Public Library • Cactus Moth Detection and Monitoring Network • Canyon Lake Chamber of Commerce & Visitors Center • Canyon Lake Gorge Preservation Society • Canyon Lake - Guadalupe River South Trail • Cibolo Nature Center • CocoRahs • Comal County Conservation Alliance • Comal Trails Alliance • Community Resource & Recreation Center (CRRC) • Cornell Lab of Ornithology • Corps of Engineers • US Army • Flying Wild • Government Canyon State Park • Guadalupe - Blanco River Authority • Headwater Coalition at University of Incarnate*



*Word • Headwaters of the Comal • Heritage Museum of Texas • iNaturalist • International Dark Sky Assoc. • John Knox Ranch • Lady Bird Johnson Wildflower Center • Mesquite Creek • Monarch Larva Monitoring Project University of Minnesota • Native Plant Society Of Texas • Native Landscape Certification Program • New Braunfels Public Library • New Braunfels Parks and Recreation • New Life Children's Center Butterfly*

*Garden • Old Tunnel State Park • Purple Martin Conservation Association • San Antonio Botanical Gardens • Texas Invasives Organization • Texas Parks & Wildlife • Texas Parks & Wildlife/Guadalupe River State Park • Texas State University/The Meadows Center • Trout Unlimited • Guadalupe River Chapter • Tye Preston Memorial Library • US Fish & Wildlife Service • Warbler Woods Bird Sanctuary • Wildlife Rescue & Rehabilitation • Water Oriented Recreation District(WORD)*





# NEW CLASS 2017-2018

Debbie Kyrouac & Mike Hammack, Co-Chairs

<https://txmn.org/lindheimer/chapter-info/current-class/>

## “The Mud Daubers”



by Mike Hammack

The Lindheimer Chapter has been enriched with a new class of aspiring Master Naturalists, “The Mud Daubers.” The 33 members of the Class of 2017-2018 have quickly exhibited a keen interest in learning about the plants, birds and wildlife of the region; quite a few of them bring a wealth of previous experience & knowledge. Like their predecessors in earlier classes, many members of the class are relatively new to the area.



The Mud Daubers during the initial class meeting. Photo @Dick Scarbrock

They are taking the class as an opportunity to learn more about developing and caring for their new homes and surroundings by understanding the natural environment. Based on the volunteer hours reported, the new class members are already enthusiastically playing a constructive role working to help preserve and protect the



The Mud Daubers on their field trip to Gault Archeological Laboratory. Photo @Dick Scarbrock

natural beauty of our community.

Debbie Kyrouac, Co-Chair for the

Education Committee sponsoring the new class said, “My favorite part about being education co-chair is meeting our newest group of enthusiasts and helping them embark on their journey.”

In addition to their initial orientation, they have participated in classes on Ecological Concepts, Archeology, and Botany. On 12 January,

### MUD DAUBER CLASS SCHEDULE Classes 1<sup>st</sup> Tuesday at 6pm-9pm, AgriLife

- Oct 25 Class Orientation
- Nov 7 Ecological Concepts - Pete Bryant
- Dec 5 Archeology - Clark Wernecke, PhD
- Jan 2 Botany - Debbie Kyrouac
- Jan 12 FIELD TRIP - Gault Lab
- Feb 6 Ichthyology - Marcos DeJesus
- Feb 9 FIELD TRIP - Fish Hatchery
- Mar 6 Geology - Jim McCullough
- Mar 10 FIELD TRIP - The Gorge
- Apr 3 Comal County Water Resources  
Cinde Thomas-Jimenez
- April 21 - Earth Day!
- May 1 Ornithology - Tom & Patsy Inglet
- May 5 FIELD TRIP - Birdwatching
- Jun 5 Herpetology - Craig Hensley
- June 30 FIELD TRIP - Honey Creek
- Jul 3 Weather & Climate
- Aug 7 Urban Systems: Xeriscaping  
Your Yard - Deedy Wright
- August 26 FIELD TRIP - Bracken Bat Cave
- Sep 8 Mammalogy - Robert Dowler, PhD
- Oct 2 Entomology - Craig Hensley
- Oct 17 - GRADUATION!

the new class conducted their first field trip to the Gault Archeological Laboratory on the campus of Texas State University in San Marcos.

The **Mud Daubers** have quickly organized themselves for their class project, Earth Day 2018 at the Tye Preston Memorial Laboratory. All initial indications are that they will match or exceed the successes of earlier classes. They are assisted in this effort by Joe and Jane Finneran from the Lindheimer Chapter who are serving as the Senior Mentors for the effort, as well as many of the key committee chairpersons from last year's class. Kristin Martinez, the Class President commented, "I feel we have a very strong and diverse group and I, for one, am very excited to see what each person brings to this year's Earth Day."

**LMN Members:** At the next chapter meeting or voluntary service project, please take the opportunity to welcome these new members. They are truly enriching our chapter by their contributions.

### April 21, 2018: The Mud Daubers Present EARTH DAY 2018



**Earth Day**  
FREE & OPEN To The Public! FUN for the Whole Family!

Meet Reps of the Army Corps of Engineers and the Heritage Museum **2018** Learn about native grass, rainwater collection, bee keeping and more!

**Saturday, April 21 ~ 10:00 am to 2:00 pm**  
**Tye Preston Memorial Library**

More than 20 Exhibitors "Dirt Painting" activities Skins & Skulls Birding

Hands-on activities for kids Face Painting Butterflies Fossils

TEXAS Master Naturalist

TYE PRESTON MEMORIAL LIBRARY  
"Life books are only the beginning."  
16311 South Access Road, Canyon Lake, TX 78133  
830.964.3744 ~ www.tmpl.org

Sponsors



# More Earth Day 2018!





## May 5, 2018 Mud Dauber Field Trip: A Birding Experience

Article by Mike Hammack, Class Educator

Photos by Richard Scarbrock, Mud Dauber

The current Lindheimer Chapter Master Naturalist class, “The Mud Daubers”, visited the Crescent Bend Nature Park in Schertz on 5 May 2018 for a field trip dedicated to birding.

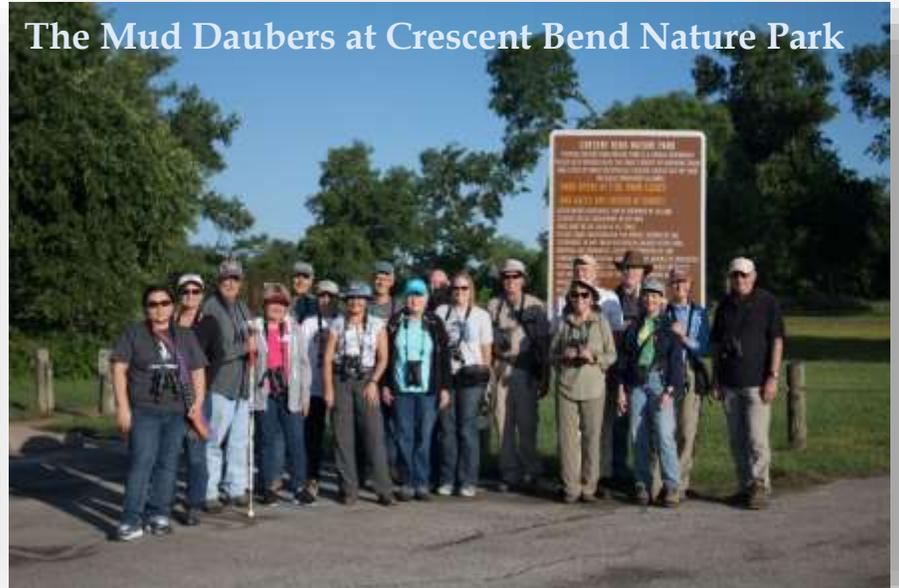
As many of the readers well know, Crescent Bend is a true Texas birding hotspot. The nature park is located on the migration routes of many species. Migratory bird movement begins in March and continues through May with other species remaining year-round. In addition to the native habitat, several bird feeders and a well-constructed bird blind add to the park’s attractions.

Tom and Patsy Inglet, noted experts and birding enthusiasts, guided the class through the park in hands-on interactive small group tours. The week prior to the field trip, Tom and Patsy had taught the group birding essentials during a very informative classroom session. On the day of the field trip, the class was blessed with exceptionally good weather and a wide plethora of birds. As Patsy said, “We really enjoyed working with this class in the field, and we couldn't have asked for a more beautiful day.” During the morning field trip, **the class identified 179 individual birds of over 50 species** and recorded their findings in eBird, a project of the Cornell Lab of Ornithology.

The Mud Daubers were universally impressed and appreciative. One of the class members, Carol Dillingham, exclaimed, “It was my favorite field trip to date!” Another class member, Gigi Vaughn said it best, “Today’s birding hike was perfect! Perfect weather, perfect guides, perfect sightings! My first Blue Grosbeak! What a beauty. Made a big difference in how I’m going to view our backyard birds. Biggest improvement for me was how to actually use my binoculars! What a difference that makes. Thank you, Patsy, for your patience and fun lecture.”

For the birding enthusiasts in our group, Crescent Bend Nature Park is the place!

The Mud Daubers at Crescent Bend Nature Park



One of the beautiful birds seen on the field trip to Crescent Bend Nature Park.  
Photo by Dick Scarbrock.



## June 30, 2018: Mud Daubers Hike Honey Creek

Article by Mike Hammack

Photos by Mike Hammack & Debbie Kyrouac, New Class Directors



On Saturday, 30 June 2018, the Mud Daubers hiked three & a half-hours through the rough terrain and Texas mid-day sun on a guided tour of

Honey Creek State Natural Area on one of their class field trips. The Mud Daubers not only met the challenge – they triumphed over all obstacles!



*“Only mad dogs, Englishmen and MUD DAUBERS go out in the midday sun.”  
(With apologies to Rudyard Kipling and Noel Coward for the deliberate misquotes.)*



*Terry Lashley instructs on the unique features of Honey Creek.*

The tour was a very informative multidiscipline naturalist field experience covering many of the TMN class topics from throughout the academic year in an integrated manner. The diverse geology, flora and fauna and several miles of nature interpretive trails made for the perfect outdoor class room experience. The

tour was led by Wilt Shaw and Terry Lashley (Texas Master Naturalists and Friends of Guadalupe River State Park). These two guides were incredibly knowledgeable and personable. As Hugo Mondragon, a class member, said, “The whole Honey Creek hike experience was excellent. If I had to pick one thing, I could not. I would have to pick two. The first was the expertise of our docents in explaining the history of the area and their expertise of plant and tree identification. The second was our luck in running into the zoologists conducting field research. Martha Bersch, class member, expressed a similar point of view: “The highlight for me was the serendipitous meeting with Andy and Suzanne from the San Antonio Zoo and their fascinating description of the research related to diabetes and autism being done on the non-native Mexican Tetra fish which survives in Honey Creek because of the relatively constant temperature of the water.” Rick Corbell noted that “Honey Creek Natural area is a unique landscape and the hike was very educational and fun. Wilt and Terry did a fantastic job of pointing out the plants and history of the area around the Rust house. We were lucky to meet up with Andy Glusencamp’s team of researchers and hear about their work. Honey Creek is definitely the prettiest setting on all the field trips so far this year.”



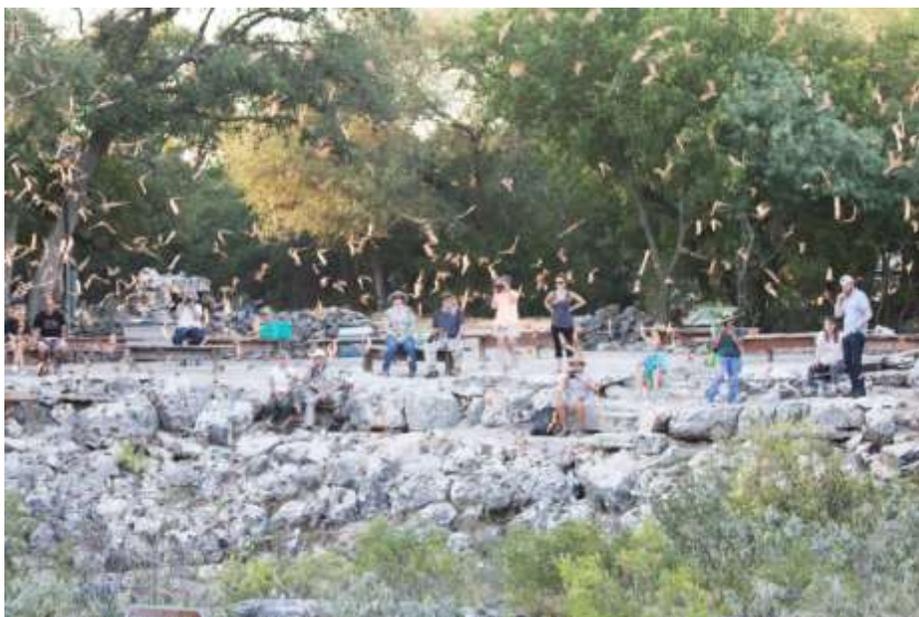
*Wilt Shaw provides the group with insights into the Honey Creek habitat.*

Allison Sciaraffa summed up the class’ outlook in her assessment, “The hike was incredible. It was beautiful, educational and really made us feel connected with nature. It was very peaceful.”

## “Holy Cow Batman – Look at All Those Bats!”

Story by Mike Hammack, LMN Educator

Photos by Dick Scarbrock, Mud Dauber



The Mud Daubers conducted their most popular class field trip yet when they visited the Bracken Bat Cave sponsored by Bat Conservation International (BCI) on 26 August 2018. Our Lindheimer Chapter's own Batman and Batgirl, Don and Edith Bergquist, served as the guides and Nature Interpreters. As most of you know, Bracken Cave is the summer home of more than 15 million Mexican free-tailed bats, making it the

world's largest bat colony and one of the largest concentration of mammals on earth. As the class members experienced, the emergence of these millions of bats,

as they spiral out of the cave at dusk for their nightly insect hunt, was an unforgettable sight. What even some Texas Master Naturalists might not know, Texas is home to the greatest number of bat species in the United States. BCI has partnered with Texas Parks and Wildlife to create



a useful guide for viewing some of the amazing bats that call Texas home. Three notable bat sites near us include: (1) Old Tunnel State Park is home to up to 3 million Mexican free-tailed bats and 1,000 to 3,000 cave myotis bats from May to October. The Texas Parks and Wildlife Department uses the abandoned Fredericksburg and Northern Railway railroad tunnel for the protection and management of bats; (2) The Congress Avenue Bridge, located in Austin hosts the largest urban bat colony in the world with an estimated at 1.5 million bats; and (3) the famous Bamberger Ranch near Johnson City has a purpose-built home, the Chiroptorium, a maternity colony of over 200,000 Mexican free-tailed bats. As Robin said, “Holy Cow Batman – Go Look at All Those Bats!”

**October 17, 2018 - Mud Daubers Graduation**  
Congratulations! Well Done! Welcome!

>



**The Mud Daubers Class: Our Chapter's Newest Master Naturalists!**

**Class Members (not in order):** Kristen Martinez, Teresa St. John, Tanya Marroquin, Robin Hagan & Cari Fowler. Jack Olivier, Margaret Olivier, Al Vaughan, Craig Dillon, Patrick Hagan, Allison Sciaraffa, Hugo MonDragon, Linda MonDragon, Scott Ofsdahl, Katherine Ofsdahl, Carol Dillingham, Mike Dillingham, Gigi Vaughn & Dick Scarbrock.

Mud Daubers Class President Kristen Martinez presents educators **Debbie Kyrouac** and **Mike Hammack** with thank you gifts from the class. The class expressed their great satisfaction with the learning process (and their happiness that they had graduated!).

This class is the last for Debbie, who will transition to the Outreach Committee. Mike and Joe Finneran are the educators for the new class **"The Rock Stars."**



# 2018 MEETINGS

Jim Doyle, VP & Program Director



Our members learned about...Bluebirds, a Nature Habitat, Social Media, American Badgers, Hummingbirds, Woody Plants, Hill Country Land Conservation, Lindheimer Chapter Founding History, Mud Daubers Graduation, Mysterious Hill Country Inhabitants & Chapter Elections.

## 2018 Meeting Attendance by Brian Trock, Membership Director

MONTH	MEMBERS	GUESTS	TOTAL	LOCATION	TOPIC
DEC	75	20	95	TPML	Chapter Election
NOV	64	4	68	TPML	Mysterious Inhabitants of Caves and Aquifers in the Texas Hill Country by Ben Hutchins
OCT	52	20	72	TPML	Graduation
SEP	45	8	53	TPML	History of LMN: A Video by Art
AUG	43	9	52	TPML	Phenology by Jon Zeitler, National Weather Service
JUL	48	13	61	TPML	Hill Country Growth and Land Conservation by Daniel
JUN	57	12	69	TPML	Woody Plants of the Hill Country by Craig Hensley
MAY	49	4	53	TPML	Hummingbird Hotspot by Kathleen
APR	45	2	47	TPML	American Badgers by Pamela Owens
MAR	45	9	54	TPML	Social Media for Master Naturalists by Marilyn McFarland
FEB	50	3	53	TPML	CEMEX Nature Center by Adam
JAN	55	5	60	TPML	Backyard Bluebirds, Extending an Invitation by Craig Hensley
TOTAL	628	109	737		

# HOSPITALITY

Many thanks to Joyce Doyle & Salty Brady  
for heading up Hospitality!  
Our thanks to the members who provided us  
with great snacks!



- January Don Epps, Gretchen Ferrell, Harry Ferrell,  
Marilyn Garrison, Marie Miller,  
Evelyn Nielson, Art Williams
- February Joel Dunnington, Gretchen Ferrell,  
Harry Ferrell, Nancy Fitzpatrick,  
Gloria Glass, Jane Schnell, Brian Trock
- March Martha Bersch, Carmen Horn, Laird Ingham,  
Debbie Kyrouac, Al Steger, Debbie Subke
- April Tom & Mary Mathey, Kristi Martinez,  
John Davis, Cheryl Trock, Lois Ricci,  
Harry Ferrell & Gretchen Ferrell
- May Steve Jones, Debbie Kyrouac,  
Ellen Anderson, Peggy Haley,  
Marilyn McFarland, Jane Schnell
- June Kim Wright, Nancy Hammack,  
Denise Miner-Williams, Sara Riggs,  
Jane Finneran, Glenna Dunnington,  
Jim Doyle & Joyce Doyle
- July Bill Suddith, Brian Trock, Cheryl Trock,  
Marilyn McFarland, Jennifer Hendren
- August Don Epps, Sara Riggs, Joyce Doyle,  
Kim Wright, Denise Miner-Williams,  
Gloria Glass, Joel Dunnington
- September Martha Bersch, Beth Jameson,  
Jane Finneran, Cindy Millichamp,  
Sherry Reel, Lois Ricci
- October The Mud Daubers Class
- November Glenna Dunnington, Salty Brady,  
Edith Bergquist, Darlene Varga,  
Ellen Anderson, Marie Miller
- December Chapter Members Potluck

TYE PRESTON MEMORIAL



**LIBRARY**

*Where books are only the beginning.*

We have an outstanding venue  
for our meetings -  
Tye Preston Memorial Library!  
Lindheimer Chapter thanks  
Roxanna Deane, Director,  
and her outstanding staff  
for their support of the Lindheimer Chapter.



<https://tpml.org/>

# January 2018

## “Backyard Bluebirds”

Craig Hensley provided the group of about 55 members with an introduction to bluebirds., including how to attract them to your property. Bluebirds are members of the thrush family (Turdidae), & the most common bluebird in the Hill Country area is the Eastern Bluebird (*Sialia sialis*). We learned that bluebirds are omnivorous, with a varied diet of berries & insects such as crickets, grasshoppers & seasonal cicadas, as well as spiders, worms & the occasional small lizard or tree frog. They forage



mainly by perching low & fluttering down to the ground to catch insects. They perch to eat berries - they will eat poisonous berries, so be careful what you plant (no nandina). Lifespan is about 6 - 8 years. We also learned about “fecal sacs”, nature’s way of keeping the nest clean & our vehicles in need of a wash!



The male sings & flutters with wings & tail partly spread for the female as a courtship display. Once mated, the pair (mostly the female) build a nest in a hollow tree, abandoned nests, or birdhouses, for 4 - 6 pale blue or white, eggs, which are laid one a day, then incubated for 12 - 14 days. Both parents bring food until fledging occurs (about 20 days). Bluebirds are tenacious, protective parents. They may have 2 - 3 broods annually. Craig

demonstrated a proper bluebird house (there are numerous ones) with tips on how to successfully attract bluebirds, prevent other birds from using the houses and minimize predation from snakes & raccoons. The best location for a bluebird house is on a pole in open areas with scattered trees (don’t nail to a tree) away from fence lines. There are a number of do’s & don’ts for placing bluebird houses (don’t face them west or southwest is one). For further information on how to extend an invitation to bluebirds, go to the Texas Bluebird Society at [texasbluebirdsociety.org](http://texasbluebirdsociety.org)



## February 2018

### “CEMEX Nature Habitat”



Adam Slusser, Operations Manager, spoke on the nature habitat under development on the grounds of the CEMEX Balcones Quarry on Wald Road in New Braunfels. Many thanks to Adam for an interesting discussion!

If you were unable to attend the meeting, please go to the following to review the slide show:

## March 2018

### Social Media and the LMN Chapter Rich Nielson/MJ McFarland

The showing of the film “History of the Lindheimer Chapter” with Art Williams has been rescheduled for later in the year. There were three of the founding members of LMN who were presented at the meeting, and their contributions to the early chapter were detailed. David Will was part of the team that took participation in the Texas Master Naturalist Program from conception to reality in Comal County. Mary B. Wenzel was in the very first class and very active for many years. Darlene Welge was the first president of the Chapter - while she was a student in the first class! We have these three, among others, to thank for beginning and nurturing the LMN chapter into the very productive group it is today. Thank you!

Our presentation was on “Social Media and the LMN Chapter.” LMN uses FaceBook as our daily communication, to communicate last minute changes, to reinforce the Out & About Calendar events, and to highlight LMN activities, including fabulous photos!!

Marilyn demonstrated a number of features of FaceBook to the group.



# April 2018

## "American Badgers"



The humble badger (whom we learned, while being secretive, is actually far from humble) was the subject of a fascinating

lecture by Dr. Pamela Owen (University of Texas), at the April 19th meeting of Lindheimer Master Naturalists.

The badger (Family: Mustelidae, Order: Carnivora, Genus/Species: *Taxidea taxus*) is a very robust and stocky animal with a short, bushy tail. It has a comical walk since it has to swagger or waddle because of its short legs and broad body. It has long, shaggy fur with a very distinctive white stripe that extends from its nose to its shoulders. The badger's back feet each have five toes, and the front feet have long, thick claws an inch or more in length. Badgers have small eyes and ears and a slightly pointed nose. Their keen sense of smell is second only to that of members of the dog family. Although they look cute and shy, badgers are ferocious fighters that should not be disturbed. They will growl, snarl and emit an unpleasant musk scent if provoked.

Badgers are found from Canada to deep within Mexico. They prefer plenty of room to hunt - wide prairies or plains and are "fossorial" or find their prey within holes in the landscape. They can be found almost all over Texas, with the exception of farthest East Texas. They range from sea level Padre Island to over 1500 feet in the Davis Mountains. Badger's closest relatives are the weasel and the skunk. They are not particularly friendly and don't even fraternize with their own species except during mating season. Badgers can hiss and seem quite ferocious. They have few natural enemies other than man. They are fierce fighters and are usually more than a match for any dog. In one recorded instance a badger successfully defended itself in a fight with two coyotes.

Thank you, Dr. Owen, for a great lecture!

T E X A S

Master  
Naturalist

## Lindheimer Chapter

### *Monthly Meeting*

Date:	April 19, 2018
Time:	5:45pm
Place:	Tye Preston Memorial Library
Speaker:	Pamela Owen, Associate Director Texas Memorial Museum University of Texas at Austin
Topic:	"American Badgers"

*What do you know about Taxidea taxus - the American Badger?  
Come to the monthly meeting and answer the following questions:*

- How long does the badger live?*
- How much do badgers weigh?*
- What does the badger eat?*
- How many babies are born at the same time?*
- Where do badgers live in Texas?*

*Meeting Agenda*

- 5:45 - 6:15 Social & Refreshments*
- 6:15 - 7:15 Speaker*
- 7:15 - Chapter Business & Awards*
- 7:35 - Adjourn*

*The Public is Welcome to Attend!*

# May 2018

## “Hummingbird Hotspot”

Kathleen Scott provided a large group of attendees the *who, what, why, where & how* of attracting hummingbirds to your garden or backyard spot. There are 18 species common to Texas, with 16 species verified in the Hill Country. Most commonly seen here are black-chinned, ruby throated and rufous hummingbirds. Rufous hummingbirds - mostly juvenile - are now known to overwinter in Texas.

In order to attract these beautiful and incredible little birds to your garden, yard or balcony, three things must be present in a hummingbird friendly habitat: shelter, food, and water for bathing. It's basic, but hummingbirds are somewhat particular in their requirements. The shelter they seek, such as evergreens, trees and bushes will provide protection and food such as small insects. For food, plants with tubular flowers, as well as supplemental feeders, will draw these little birds to you. While they will feed off any flower, they do seem to prefer red.



T E X A S  
Master Naturalist

*Lindheimer Chapter  
Monthly Meeting*

**Date:** May 17<sup>th</sup>, 2018  
**Time:** 5:45pm  
**Place:** Tye Preston Memorial Library  
16311 S Access Rd., Canyon Lake, TX 78133  
**Speaker:** Kathleen Scott, travel & lifestyle author  
<http://www.hillcountrymysteries.com>  
**Topic:** "Hummingbird Hotspot"



*Meeting Agenda*  
5:45 – 6:15 Social & Refreshments  
6:15 – 7:15 Speaker  
7:15 – Chapter Business & Awards  
7:35 – Adjourn

*The Public is Welcome to Attend!*

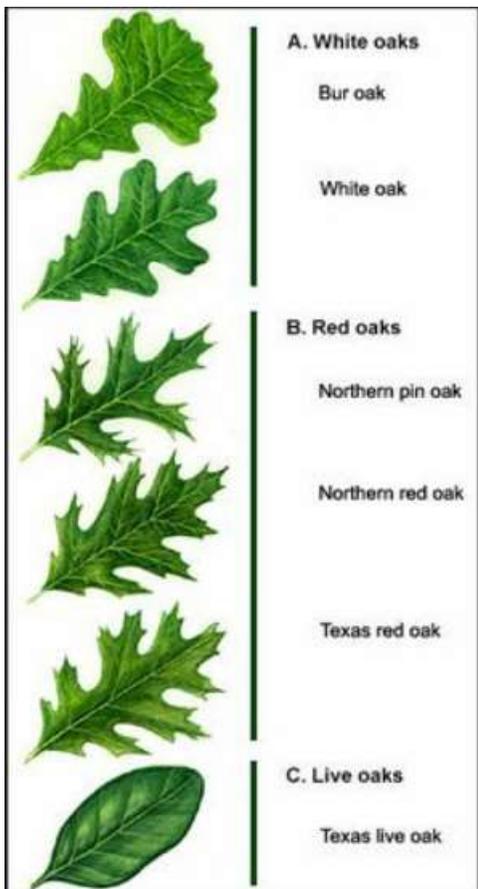
For water, hummingbirds will drink from drops of water on leaves, but they also like water to bathe in. Your bird bath needs to be very shallow, and fairly high off the ground to avoid predators such as cats. They also seem to prefer flowing or bubbling water. Members obtained much information and food for thought on how to entice these tiny beauties for a closer look!  
Thank you, Kathleen!





“Dendrology 101” was the subject of the LMN Program on June 21 at Tye Preston Memorial Library when TPW’s Craig Hensley presented an informative and “hands-on” educational event on Woody Plants and Trees to almost 70 members and guests.

In addition to an introductory lecture with slides and



## June 2018

### “Woody Plants of the Texas Hill Country”

T E X A S

Master Naturalist

*Lindheimer Chapter*  
*Monthly Meeting*

*When:* June 21<sup>st</sup>, 2018 at 5:45pm  
*Where:* Tye Preston Memorial Library  
 16311 S Access Rd. Canyon Lake, TX 78133  
*Who:* R. Craig Hensley, Park Interpreter/Resource Specialist  
 Guadalupe River State Park/Honey Creek State Natural Area  
*What:* “Woody Plants of the Texas Hill Country”

*Agenda*

5:45 – 6:15 Social & Refreshments  
 6:15 – 7:15 Speaker  
 7:15 – Chapter Business & Awards  
 7:35 – Adjourn

*The meeting is free and the public is welcome to attend!*

diagrams, Craig explained characteristics of woody plants, twig characteristics, useful information on the many different types of leaves and useful methods for identifying these plants. Then, with the assistance of TPWD’s Terry Lashley, the group learned to use a basic biological identification tool: the Taxonomic or “Dichotomous Key” - “A dichotomous key is a tool that allows the user to determine the identity of items in the natural world, such as trees, wildflowers, mammals, reptiles, rocks, and fish. Keys consist of a series of choices that lead the user to the correct name of a given item. ‘Dichotomous’ means “divided into two parts”.

Craig and Terry had the group divide into smaller teams and identify plants from samples of their stems and leaves, using the Dichotomous Key. It was a great exercise and taught LMN members and guests the use of

the key and how to use such tools in the future! A great presentation! Thanks, Craig and Terry!

## July 2018

### “Hill Country Growth and Land Conservation”

Sixty-one members & guests enjoyed the talk by Daniel Oppenheimer, Landowner Outreach and Development Manager, Hill Country Alliance, on conserving land in the face of increasing population.

He also discussed supporting conservation strategies and best management practices for riparian restoration.

Much information new to many of the attendees was explained.

Many thanks, Daniel!



### *Lindheimer Chapter TMS Monthly Meeting*

*When: Thursday, July 19th, 2018 at 5:45pm*

*Where: Tye Preston Memorial Library*

*16311 S Access Rd. Canyon Lake, TX 78133*

*Who: Daniel Oppenheimer of Hill Country Alliance*

*What: "Hill Country Growth and Land Conservation"*



#### *Agenda*

*5:45 Social and Refreshments*

*6:15 Speaker*

*7:15 Awards and Chapter Business*

*7:35 Adjourn*

*The meeting is free and the public is encouraged to attend.*



# August 2018

## “Phenology”

Jon Zeitler, Science/Operations Officer  
National Weather Service,  
Austin/San Antonio Weather Forecast Office



Fifty-two members & guests spent their evening learning about Phenology, the study of key seasonal changes in plants and animals from year to year - such as flowering, the emergence of insects, and migration of birds - especially their timing & relationship to weather and the climate. Many thanks to Jon for a very thought provoking and interesting discussion!



### *Lindheimer Chapter TMN Monthly Meeting*

- When: Thursday, August 16th, 2018 at 5:45pm*  
*Where: Tye Preston Memorial Library  
16311 S Access Rd. Canyon Lake, TX 78133*  
*Who: Jon Zeitler, Science & Operations Officer  
National Weather Service, Austin/San Antonio Weather Forecast Office*  
*What: “Phenology”*

#### Phenology

[fi-nol-uh-jee]

Study of key seasonal changes in plants and animals from year to year—such as flowering, emergence of insects and migration of birds—especially their timing and relationship with weather and climate.



#### *Agenda*

- 5:45 Social and Refreshments*  
*6:15 Speaker*  
*7:15 Awards and Chapter Business*  
*7:35 Adjourn*

*The meeting is free and the public is invited to attend.*

# September 2018

## “History of the Chapter”



Art Williams, former President and member of the Lindheimer Chapter for many years, screened a video two years in the making for fifty-three members & guests at the September meeting. It was a fascinating overview of how the Lindheimer chapter was founded, as told by the founding and early members in interviews. Great stories! Lindheimer Chapter is a strong and vibrant chapter because of the leadership of our founding members. Thank you, Art, for making and showing us the video!



### *Lindheimer Chapter* *Monthly Meeting*

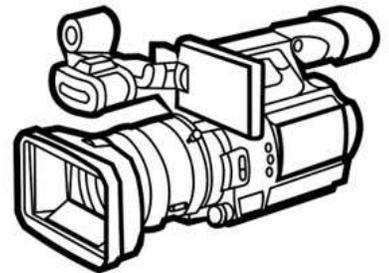
*When: Thursday, September 20th, 2018 at 5:45pm*

*Where: Tye Preston Memorial Library  
16311 S Access Rd. Canyon Lake, TX 78133*

*Who: Art Williams, LMN Member*

*What: History of the Lindheimer Master Naturalists: A Video*

**Come join us for a trip  
back in time to learn  
how the Lindheimer  
Chapter began!**



#### *Agenda*

*5:45 Social and Refreshments*

*6:15 Speaker*

*7:15 Awards and Chapter Business*

*7:35 Adjourn*

# October 2018 – “Mud Daubers’ Graduation”

## Our Chapter’s Newest Master Naturalists!



Front Row, L>R: Kristen Martinez (Class President), Teresa St. John, Tanya Marroquin, Robin Hagan & Cari Fowler. Back Row, L>R: Jack Olivier, Margaret Olivier, Al Vaughan, Craig Dillon, Patrick Hagan, Allison Sciaraffa, Hugo MonDragon, Linda MonDragon, Scott Ofsdahl, Katherine Ofsdahl, Carol Dillingham, Mike Dillingham, Gigi Vaughn & Dick Scarbrock.

See more about the Mud Daubers on pages 15 – 22.

# November 2018

## “Mysterious Inhabitants of Caves & Aquifers”

T E X A S  
Master Naturalist

*Lindheimer Chapter  
Monthly Meeting*

*When: Thursday, November 15, 2018 at 5:45pm*  
*Where: Lye Preston Memorial Library  
16311 S Access Rd. Canyon Lake, TX 78133*

*What:  
“The Mysterious Inhabitants of Caves and Aquifers  
in the Texas Hill Country”  
by Dr. Benjamin Hutchins, Invertebrate Biologist, TPWD*

**Benjamin Hutchins Ph.D.**  
Dr. Benjamin Hutchins is Invertebrate Biologist for the Texas Parks and Wildlife Department.  
He received his PhD from Texas State University in 2013 where he studied food resources and food web structure in the Edwards Aquifer ecosystem and managed a multi-year water quality monitoring project in Spring Lake.  
Since 2011, his research on surface and subsurface aquatic ecosystems in Kentucky, Virginia, and the Washington DC metropolitan area has focused on the ecology of invertebrates, particularly in groundwater habitats.

*Meetings are open to the public and everyone is welcome!*

*Agenda  
5:45 Social and Refreshments  
6:15 Speaker  
7:15 Awards and Chapter Business  
7:35 Adjourn*

Who knew there were so many different animals lurking in the hidden recesses of caves and aquifers? Or that there were 6,600 known caves in Texas? Well, now we do! Members & guests were educated & entertained by Dr. Benjamin Hutchins, who informed us of an amazing and mostly unseen world of largely



unpronounceable and weird looking invertebrates. Dr. Benjamin Hutchins, Invertebrate Biologist, Texas Parks & Wildlife Department, himself a frequent cave dweller, described habitats, rare & endangered species, aquatic & terrestrial

species, and stressed the need for conservation and research, as there are most likely undiscovered species which are still to be given even longer & more unpronounceable names.

We learned that one of the keystone species is a cave cricket that leaves the cave at night, then returns to deposit “cricket guano” - an extremely important ingredient in the food chain. What is most amazing are the evolutionary adaptations that allow these animals to live in a most unusual environment. Many thanks to Dr. Hutchins for introducing us to a world of few of us knew was beneath our feet!



# December 2018

## “Chapter Elections”



### 2019 Chapter Officers

(L to R): Robin Hagan, Treasurer; Martha Bersch, Secretary; Jim Doyle, Vice President; Rich Nielson, President.

CONGRATULATIONS!

T E X A S



Master Naturalist

### Lindheimer Chapter

#### December Chapter Meeting

**When:** *Thursday, December 13, 2018 at 5:15 pm*  
(please note the date for December is changed from 20<sup>th</sup> to 13<sup>th</sup>)

**Where:** *Lye Preston Memorial Library*  
 16311 S Access Rd. Canyon Lake, TX 78133

**What:** *Christmas Dinner and Chapter Elections Meeting*

**Who:** *LMN Members - Welcome to bring spouse or significant other*

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- Food** - Each family should bring a side dish or dessert with serving utensil before 5:15. Turkey, ham & beverages provided.





- RSVP** - If you did not sign up at the November meeting and are planning to attend (or have any questions) please send an RSVP email to Joyce Doyle at [doyles@swbell.net](mailto:doyles@swbell.net)



*Live Music by  
The Percolators*

35

# LINDHEIMER CHAPTER QUARTERLY NEWSLETTERS



<https://txmn.org/lindheimer/files/2018/05/Spring-2018-Newsletter.pdf>



<https://txmn.org/lindheimer/files/2018/07/Summer-2018-Newsletter-Final.pdf>



<https://txmn.org/lindheimer/files/2018/11/Fall-Newsletter-Final.pdf>



<https://txmn.org/lindheimer/files/2019/05/Winter-Newsletter-2018-Final.pdf>

# CHAPTER OUTREACH, EVENTS & ACTIVITIES

**Program to Assist Landowners (PAL)  
Arthur Williams, Project Manager**

**To HOMEOWNERS with ACREAGE or LOTS:**



New to the Hill Country?  
Worried about erosion on your property, or how to control the mountain cedar? Don't know what *that* tree is? What about native Texas plants – what's right for your yard? What plant are drought resistant?

Or, do you want to have a yard that is wildlife friendly, or grow a pollinator garden so you'll have butterflies, bees and hummingbirds?

The Lindheimer Master Naturalists can help you with all these concerns and many others through our Program to Assist Landowners (PAL).

A Master Naturalist will come to your property and walk it with you, help you with identifying plants, making recommendations to improve the soil, and generally providing friendly guidance to help you meet the goals you have for your property.



Request a visit from a Master Naturalist by completing this [form](#) and submitting it to [LMN.PAL.Visits@gmail.com](mailto:LMN.PAL.Visits@gmail.com). You will be contacted without delay to schedule a convenient time.

## January-May 2018 - Texas Waters Specialist Certification Specialists

### Lindheimer Chapter Texas Waters Specialists Certification 2018



Left to right: Jim Doyle, Martha Bersch, John Davis, Joyce Doyle, Don Epps, Jane Finneran, Joe Finneran, Jensie Madden. Bottom: Craig Dillon. Not pictured: Dan Madden, Carmen Horn



## April 15, 2018 - Dinosaur Day at the Texas Heritage Museum:

Brian and Cheryl Trock, Membership, did the Lindheimer Chapter proud (as they always do) when they represented us on Dinosaur Day. They provided outreach & education to 48 people, 7 of whom took more information on becoming MNs.





**April 14-15, 2018 - Folk Fest**

A number of LMN members volunteered at the Folk Fest held at the Museum of Texas Handmade Furniture in New Braunfels. During the Folkfest, you are immersed in 19<sup>th</sup> century family living.

**April 21, 2018 - Earth Day**

The Mud Daubers Class organized the Chapter's Earth Day celebration. See more at the Mud Dauber's section.



**Texas A&M  
AgriLife Extension  
OPEN HOUSE**  
Beautiful Gardens - Bring the Kids!

**Saturday, April 28, 2018  
9:00 a.m. - 1:00 p.m.**

Featuring demonstration gardens on vegetables, flowers, compost, native grasses, and much more!  
Multiple activities for kids! (Pony rides, face painting, petting zoo, scavenger hunt!)



Ladybug release



Butterfly display and gardens



Coin is Fair will be available to answer questions from 9am to 1pm.

Texas A&M AgriLife Extension provides equal opportunities in its programs and employment to all persons, regardless of race, color, sex, religion, national origin, disability, age, marital information, veteran's status, sexual orientation, or gender identity.  
The Texas A&M University System, U.S. Department of Agriculture, and the County Court of Commissioners County of Travis, Texas

**April 28, 2018 - AgriLife Open House**

Lots of great stuff to do! Chapter members assisted AgriLife during the Open House.

May 5, 2018 - Wein & Saengerfest Festival



May 19, 2018 - Field Trip to CEMEX Natural Area

(photos by John Davis, Jim Doyle & Salty Brady)



October 26-28, 2018  
20<sup>th</sup> Annual Texas Master Naturalist™ Meeting

**TEXAS MASTER NATURALIST ANNUAL STATE MEETING,  
OCTOBER 26 – 28, 2018  
Georgetown, Texas**



Clockwise from top: 1. Opening Day; 2. Attending a lecture; 3. Photo contest display; 4. Snake handling class, and 5. Group of LMN members attending the meeting.

## TMN STATE MEETING PHOTO CONTEST

2018 was the second year that the Lindheimer Chapter has submitted entries to the state photo contest. Categories are: 1) Wildlife; 2) Bird; 3) Scenic; and 4) Plant. In 2017 we had 27 photo entries (2<sup>nd</sup> Place in Plants) and a painting, a sculpture, our newsletter and our scrapbook (1<sup>st</sup> Place).

In **2018**, 19 members contributed 39 photos, and two paintings. Members placed 2<sup>nd</sup> & 3<sup>rd</sup> in the bird category, and 3<sup>rd</sup> in the wildlife category! Below are our entries.

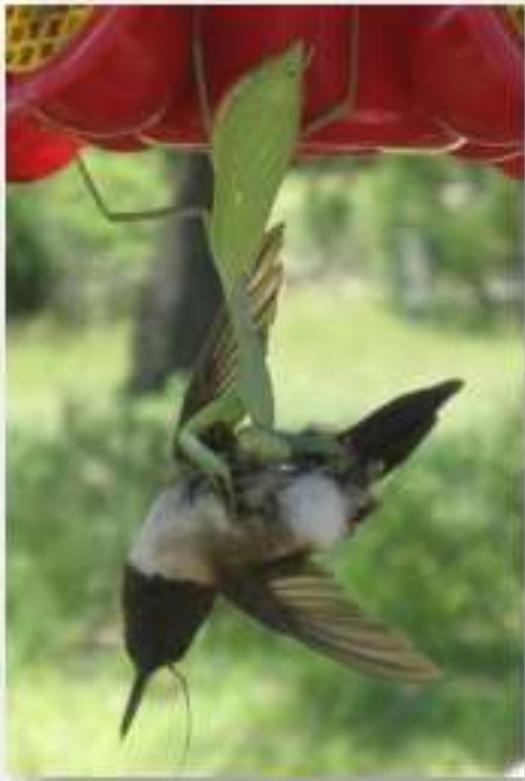
Enjoy the brilliant photography of our members – they have captured the essence of the Texas Hill Country!



**“Gulf Fritillary Butterfly” by Nancy Hammack**

# PHOTO CONTEST WINNERS

Lindheimer Chapter Photo Contest Winners at the 20<sup>th</sup> State Meeting – Congratulations!!!



Brian Trock – 2<sup>nd</sup> Place, Bird Category

"The Circle of Life"



Glenna Dunnington – 3<sup>rd</sup> Place, Wildlife Category

"The Grey Fox"



Darlene Varga – 3<sup>rd</sup> Place, Bird Category

"Cooper's Hawk"



## WILDLIFE CATEGORY



Clockwise from left:

"Kermit" by John Davis

"Diamond Necklace" by Don Bergquist

"Andy the Anole" by Teresa Turko

"The Baffled Squirrel" by MJ McFarland

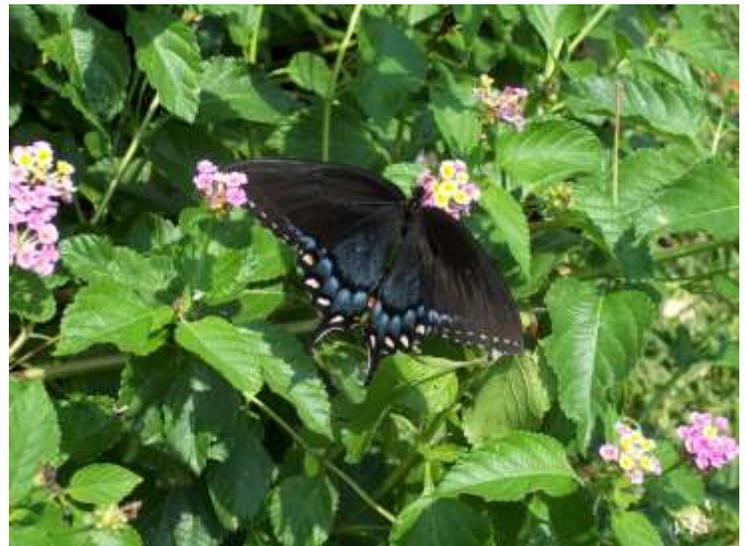
"Getting a Drink" by Joel Dunnington



WILDLIFE CATEGORY - continued



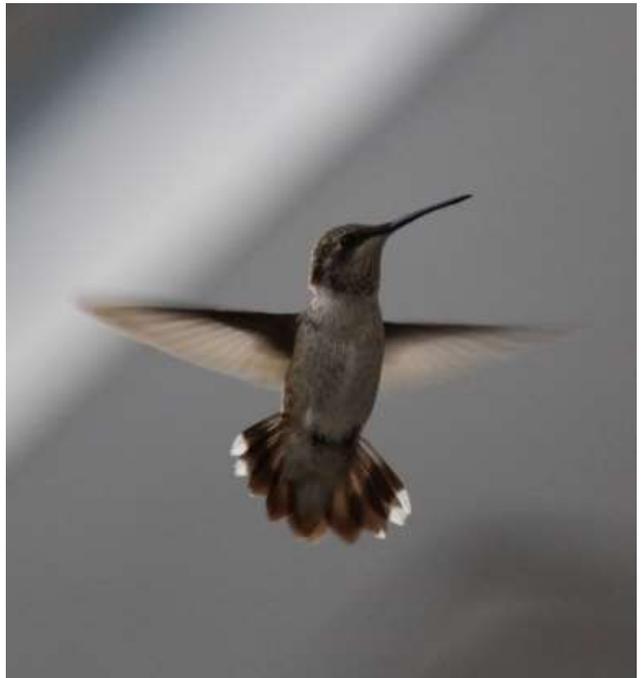
Clockwise from left:  
"A Garden Afternoon" by Edith Bergquist  
"Living Emeralds" by Jane Schnell;  
"Buckeye for Breakfast" by Dottie Green;  
"Love is in the Air" by Darlene Varga  
"Perfection" by Jeannie Springer;  
"Time for a Drink" by Nancy Hammack  
"Butterfly and Flower" by Cheryl Walthour



BIRD CATEGORY



Clockwise from top left:  
"Hill Country Hideaway" by Nancy Hammack  
"Triplets" by Cheryl Walthour  
"Angel Ascending" by MJ McFarland  
"Yellow Crowned Night Heron" by Holly Emrie



**BIRD CATEGORY - continued**

Left: "Majestic Red" by Dick Scarbrock

Right: "Waiting" by Teresa Turko



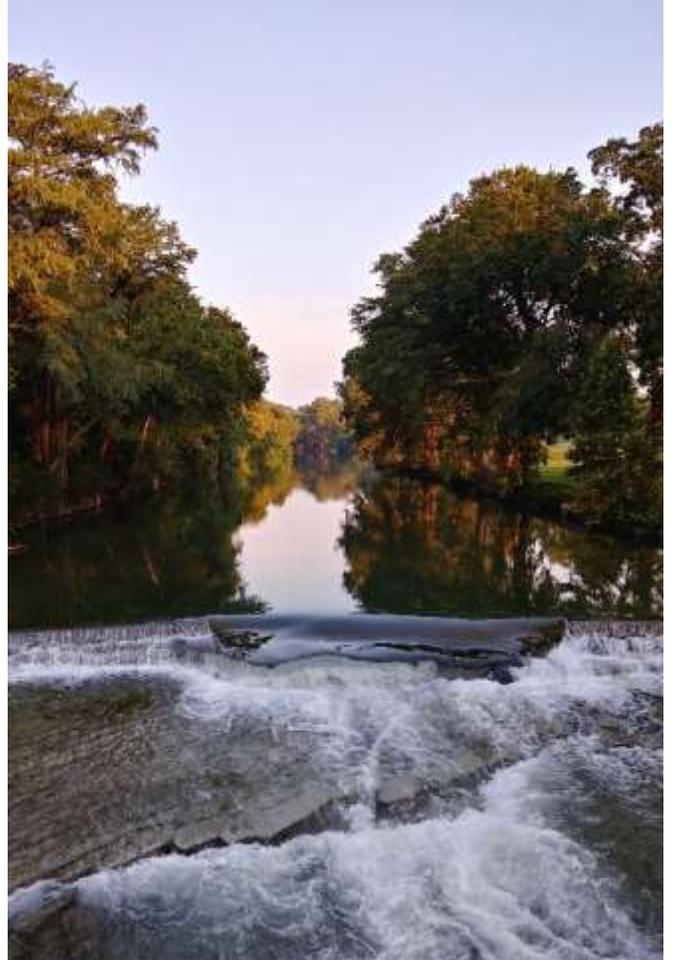
**SCENIC CATEGORY**



Left: "Big Bend Window at Sunset" by Holly Emrie

Right: "Hill Country Sunrise" by Sara Riggs

SCENIC CATEGORY - continued



**Clockwise from top left:**  
**"Honey Creek"** by Debbie Kyrouac  
**"Icicles at Canyon Lake Gorge"** by Brian Trock  
**"Serenity"** by Nancy Hammack

**SCENIC CATEGORY - continued**



**Clockwise from left:**

**"Rushing Waters" by Darlene Varga**

**"Landa Lake Snowfall" by John Davis**

**"Old Swimming Hole" by MJ McFarland**

**"Canyon Lake Gorge" by Cheryl Walthour**

**PLANT CATEGORY (9)**

**From left to right:**

**"Hot Pink" by Rick Corbell**

**"Cactus Flower" by Cheryl Walthour**

**"Prickly Poppy" by John Davis**



PLANT CATEGORY - continued



Clockwise from upper left:  
"Sunny Show after the Rain" by Nancy Hammack  
"Pink Prickly Pear Cactus" by Holly Emrie  
"Texas Bindweed" by MJ McFarland  
"The Fish Bait Tree" by Mark Henderson  
"Lindheimer's Senna" by Carmen Horn  
"The Oak and Prickly Pear" by Brian Trock

## PAINING CATEGORY

“Hummingbird” by Holly Emrie



“Autumn Birch” by Evelyn Nielson



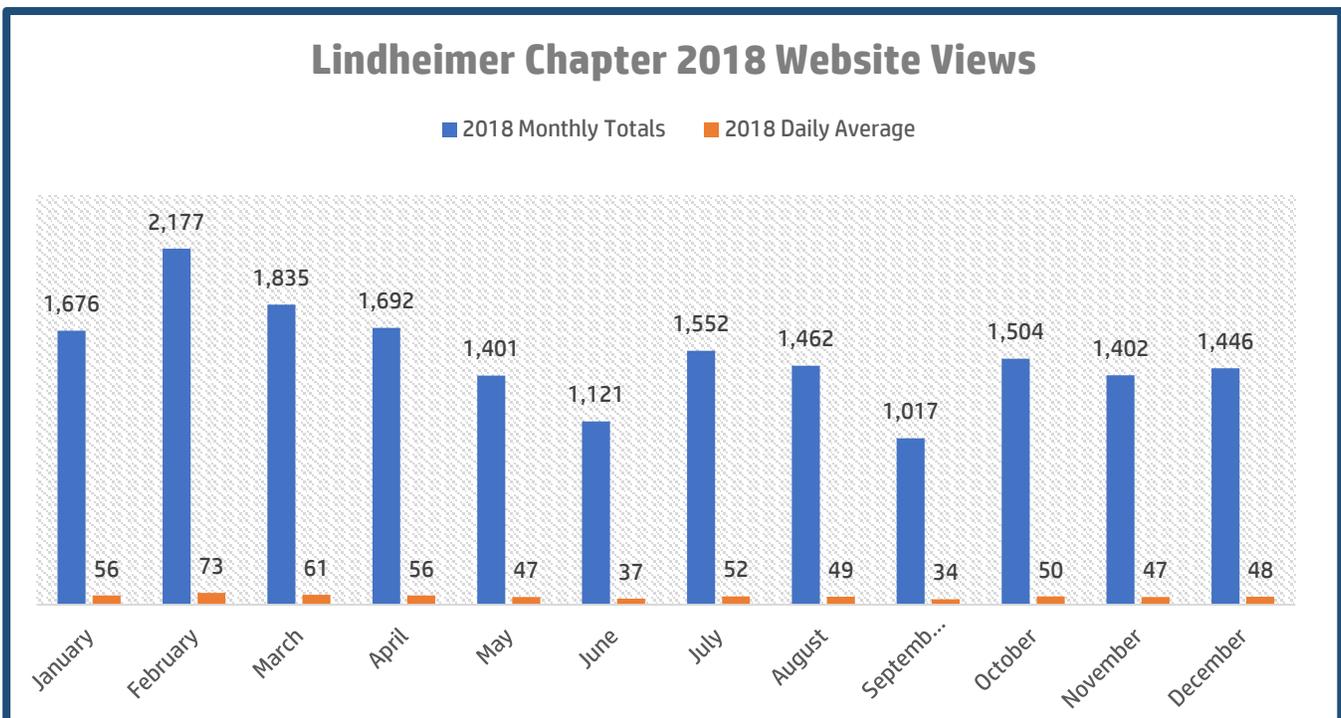
# Lindheimer Chapter Web Page 2018

<https://txmn.org/lindheimer/>



Visit our website for up-to-date information on the chapter!

We had 18,304 webpage views in 2018!



# Lindheimer Chapter Facebook 2018

<https://www.facebook.com/txmn.lindheimer/>

JOIN US ON FACEBOOK!



Lindheimer Chapter Texas...  
292 likes

Like Page Share



Lindheimer Chapter Texas  
Master Naturalists

about 2 weeks ago

Here are some of the graduates of LMN Texas Waters Course held January - May 2018. They attended upwards of 40 hours of

